Amendments to the specification:

On page 1, after the title of the invention, please insert the following:

CROSS-REFERENCE

The invention described and claimed hereinbelow is also described in PCT/ES 2003/00369 filed on July 15, 2003 and P 200201707, filed July 19, 2002. This Spanish Patent Application, whose subject matter is incorporated here by reference, provides the basis for a claim of priority of invention under 35 U.S.C. 119 (a)-(d).

On page 2, please amend the first paragraph as follows:

The rotary engine proposed by the invention, starting from the basic generality of using a coaxial rotor and stator, solves in a completely satisfactory way the problems set forth above, ensuring a perfect mobility for the blades, as well as an also perfect tightness between chambers defined by the ~~said~~ blades. More particularly, the stator is carried out in a tubular block of elliptical section, with the typical intake and exhaust nozzles and the also typical cooling conduits inside of it, tubular block that is closed by means of a pair of end covers screwed thereto with the placing in-between of respective gaskets, covers incorporating the bearings or rotation means for the rotor, which is cylindrical, has a diameter coincident with the minor axis of the ellipse corresponding to the stator and includes eight radial blades that play in eight other housings, but the special characteristic that each one of the ~~said~~

blades includes in its inner extremity a shaft and such that between the eight shafts corresponding to the eight blades there are set sixteen articulated connecting rods, eight on each side of the engine, hingedly joined by connecting alternate blades, such that four of the ~~said~~ blades are connected to each other by means of four articulated connecting rods on each end configuring two articulated parallelograms, while the other four blades are also connected to each other at each end of the engine by means of four articulated connecting rods determining a second pair of articulated parallelograms.

On page 2, please amend the second paragraph as follows:

Thereby and by means of an adequate sizing of the ~~said~~ articulated connecting rods, these force the blades to be in permanent contact with the inner surface of the stator, that is with the jacket, without the centrifugal force having to act in order to do so, ~~said~~ the blades losing the typical floating nature, and being impossible under any circumstances, that is under any type of stress, that any of the ~~said~~ blades may separate at any time from the stator wall. In accordance with another of the invention features, it has been provided for each one of the ~~said~~ blades to have its outer edge grooved in the shape of a channel for the emplacement of a segment of complementary configuration, such that the ~~said~~ segments may freely swing with respect to the corresponding blades in order to achieve at all times a perfect emplacement thereof on top of the stator wall regardless of the degree of tilt that the blades adopt with respect to the ~~said~~ wall.

On page 3, line 1, please amend the heading as follows:

~~DESCRIPTION~~ SUMMARY OF THE INVENTION

On page 4, line 13, please amend the heading as follows:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT OF THE INVENTION

On page 4, please amend the paragraph contained in lines 14-27 as follows:

In view of the indicated figures, it can be seen how the rotary engine proposed by the invention is made up of a tubular stator (1) which externally can adopt any configuration but that internally has an elliptical section, tubular body which is closed by means of a pair of end covers (2) fixable in collaboration with through .screws through holes (3) of the covers and which thread in holes (4) of the body (1), the covers (2) having a central hole (5) for passage of the shaft (6) of the rotor (7), rotor which is essentially cylindrical and which has a plurality of radial grooves (8) which affect it in its entire length, namely in a number of eight, intended for receiving respective blades (9), basically rectangular, with their free and longitudinal edge (10) grooved for receiving a sealing segment (11) of section approximately of a circular segment, as specially seen in figure 6, longitudinal groove (10) which is ended at the ends of the blade (9) in transversal

grooves (12) of rectangular section for coupling, and other segments which in this case act on the covers (2) of the stator, whereupon the chambers 18 ~~(13)~~ formed by the ~~said~~ blades (9) between the rotor and stator are perfectly sealed.

Please amend the paragraph bridging pages 4-5 as follows:

Thereby and by means of an adequate sizing of the ~~said~~ articulated connecting rods (16), it is achieved that these act as spacers for the blades (9), such that each group of four articulated connecting rods or rather each pair of groups of four articulated connecting rods located on both ends of the engine forces the corresponding four blades (9) to be in permanent contact with the inner face (17) of the stator (1), jointly ensuring with segments (11) and (11') a perfect tightness for the chambers (18) that the ~~said~~ blades (9) configure between the stator (1) and rotor (7).

On page 5, please amend the paragraph contained in lines 7-10 as follows:

In all other respects and as is conventional, the stator (1) will have the typical intake (19) ~~(9)~~ and exhaust (20) nozzles, as well as the typical pipes (21) for cooling water circulation, and the stator (1) will also have water circulation conduits properly communicated with manifolds set at the ends of its shaft.

On page 5, please amend the paragraph contained in lines 11-16 as follows:

In accordance with another of the features of the invention, it has been provided for that, at the level of the housing (22) of the stator (1) for the spark plug, small recesses (23) are set in the covers (2) making that at the moment in which each blade (9) passes by said housing (22) of the spark plug, the recesses (23) set a certain communication between the immediately preceding and subsequent chambers of the ~~said~~ blade (9), which substantially improves ignition.